

SEQUENCE LISTING

<110> ENKAM Pharmaceutical A/S

<120> Compounds comprising LPA

<130> P 770 PC00

<160> 146

<170> PatentIn version 3.1

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<223> NCAM Fn III, 2 [Swiss-Prot: P13591]: FGFR binding motif

<400> 1

Glu	Val	Tyr	Val	Val	Ala	Glu	Asn	Gln	Gln	Gly	Lys	Ser	Lys	Ala
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<223> Interleukin-6 receptor beta chain [Swiss-Prot: Q00560]: FGFR binding motif

<400> 2

Asn Ile Glu Val Trp Val Glu Ala Glu Asn Ala Leu Gly Lys Lys Val
1 5 10 15

<210> 3

<211> 14

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<223> Heparan sulfate proteoglycan perlecan [Swiss-Prot: P98160]: FGFR
binding motif

<400> 3

Ala Thr Asn Arg Gln Gly Lys Val Lys Ala Phe Ala His Leu
1 5 10

<210> 4

<211> 16

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<223> Disintegrin and metalloprotease domain 8 (ADAM-8) [Swiss-Prot: Q0
5910]: FGFR binding motif

<400> 4

Arg Tyr Val Glu Leu Tyr Val Val Ala Asp Ser Gln Glu Phe Gln Lys
1 5 10 15

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<211> 13

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<213> Artificial sequence

<220>

<223> Axonal-associated cell adhesion molecule [NCBI: NP_446331]: FGFR binding motif

<400> 5

Val Ala Glu Asn Ser Arg Gly Lys Asn Val Ala Lys Gly
1 5 10

<210> 6

<211> 14

<212> PRT

<213> Artificial sequence

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<223> Myelin-associated glycoprotein (MAG) [Swiss-Prot: P20917]: FGFR binding motif

<400> 6

Gly Glu Tyr Trp Cys Val Ala Glu Asn Gln Tyr Gly Gln Arg
1 5 10

<210> 7

<211> 16

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<213> Artificial sequence

<220>

<223> Neuronal nicotinic acetylcholine receptor alpha 3 subunit (CHRNA3) [Swiss-Prot: Q8VHH6/P04757:/Q8R4G9/P32297]: FGFR binding motif

<400> 7

Lys Tyr Ile Ala Glu Asn Met Lys Ala Gln Asn Val Ala Lys Glu Ile
1 5 10 15

<210> 8

<211> 14

<212> PRT

<213> Artificial sequence

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<223> FIII,1 domain of NCAM (Swiss-Prot: P13591): FGFR binding motif

<400> 8

Thr Ile Met Gly Leu Lys Pro Glu Thr Arg Tyr Ala Val Arg
1 5 10

<210> 9

<211> 14

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<220>

<223> Granulocyte colony stimulating factor receptor precursor (G-CSF-R; CD114 antigen) [Swiss-Prot: Q99062]: FGFR binding motif

<400> 9

Lys Gly Leu Gly Glu Ile Ser Ala Ala Thr Glu Phe Lys Thr
1 5 10

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<213> Artificial sequence

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<223> NCAM Fn III, 1 [Swiss-Prot: P13591]: FGFR binding motif

<400> 10

Asn Met Gly Ile Trp Val Gln Ala Glu Asn Ala Leu Gly
1 5 10

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<223> FIII,1 domain of NCAM [Swiss-Prot: P13591]: FGFR binding motif

<400> 11

Arg Leu Ala Ala Leu Asn Gly Lys Gly Leu Gly Glu Ile Ser
1 5 10

<210> 12

<211> 10

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<213> Artificial sequence

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<223> Granulocyte colony stimulating factor receptor precursor (G-CSF-R; CD114 antigen) [Swiss-Prot: P40223]: FGFR binding motif

<400> 12

Ile Trp Val Gln Ala Glu Asn Met Leu Gly
1 5 10

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<223> Cytokine-like factor-1 precursor (CLF-1) [Swiss-Prot: O75462]: FGFR binding motif

<400> 13

Glu Ile Trp Val Glu Ala Thr Asn Arg Leu Gly
1 5 10

<210> 14

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<223> Interleukin-23 receptor (IL-23R) [Q8NFQ9]: FGFR binding motif

<400> 14

Val Trp Val Gln Ala Ala Asn Ala Leu Gly
1 5 10

<210> 15

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<212> PRT

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<223> Complement factor 1 q , alpha polypeptide (C1QA) [Swiss-Prot: Q9D
CM6]: FGFR binding motif

<400> 15

Glu Val Trp Ile Glu Lys Asp Pro Ala Lys Gly Arg Ile
1 5 10

<210> 16

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Fasciclin II precursor (FAS2) [Swiss-Prot: P22648]: FGFR binding
motif

<400> 16

Ala Thr Asn Lys Gly Gly Glu Val Lys Lys Asn Gly His Leu
1 5 10

<210> 17

<211> 16

<212> PRT

<213> Artificial sequence

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<223> ADAM-19 precursor (EC 3.4.24.-) [Swiss-Prot: Q9H013/O35674]: FGFR binding motif

<400> 17

Lys	Tyr	Val	Glu	Leu	Tyr	Leu	Val	Ala	Asp	Tyr	Leu	Glu	Phe	Gln	Lys
1				5					10					15	

<210> 18

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<213> Artificial sequence

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<223> ADAM-8 precursor (EC 3.4.24.-) [Swiss-Prot: P78325]: FGFR binding motif

<400> 18

Arg	Tyr	Val	Glu	Leu	Tyr	Val	Val	Val	Asp	Asn	Ala	Glu	Phe	Gln
1				5					10					15

<210> 19

<211> 16

<212> PRT

<213> Artificial sequence

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<223> ADAM-12 precursor (EC 3.4.24.-) [Swiss-Prot: O43184; Q61824]: FGFR binding motif

<400> 19

Lys Tyr Val Glu Leu Val Ile Val Ala Asp Asn Arg Glu Phe Gln Arg
1 5 10 15

<210> 20

<211> 16

<212> PRT

<213> Artificial sequence

<220>

<223> Metalloproteinase-disintegrin domain containing protein TECADAM [AF163291] : FGFR binding motif

<400> 20

Lys Tyr Ile Glu Tyr Tyr Val Val Leu Asp Asn Gly Glu Phe Lys Lys
1 5 10 15

<210> 21

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> ADAM-33 precursor (EC 3.4.24.-) [Swiss-Prot: Q9BZ11/Q923W9]: FGFR binding motif

<400> 21

Arg Tyr Leu Glu Leu Tyr Ile Val Ala Asp His Thr Leu Phe
1 5 10

<210> 22

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> ADAM-1A Fertilin alpha [Swiss-Prot: Q8R533]: FGFR binding motif

<400> 22

Lys Tyr Val Glu Met Phe Val Val Val Asn His Gln Arg Phe Gln
1 5 10 15

<210> 23

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> ADAM-9 [Swiss-Prot: Q13433; Q61072]: FGFR binding motif

<400> 23

Arg Tyr Val Glu Leu Phe Ile Val Val Asp Lys Glu Arg Tyr
1 5 10

<210> 24

<211> 16

<212> PRT

<213> Artificial sequence

<220>

<223> ADAM-7 precursor [Swiss-Prot: Q9H2U9]: FGFR binding motif

<400> 24

Lys Tyr Val Glu Leu Phe Ile Val Ala Asp Asp Thr Val Tyr Arg Arg
1 5 10 15

<210> 25

<211> 16

<212> PRT

<213> Artificial sequence

<220>

<223> ADAM-7 precursor [Swiss-Prot: O35227; Q63180]: FGFR binding motif

<400> 25

Lys Phe Ile Glu Leu Phe Val Val Ala Asp Glu Tyr Val Tyr Arg Arg
1 5 10 15

<210> 26

<211> 16

<212> PRT

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<220>

<223> ADAM-15 precursor [Swiss-Prot: Q9QYV0; O88839]: FGFR binding motif

<400> 26

Lys Ile Val Glu Lys Val Ile Val Ala Asp Asn Ser Glu Val Arg Lys
1 5 10 15

<210> 27

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> ADAM-15 precursor [Swiss-Prot: Q13444]: FGFR binding motif

<400> 27

Val Glu Leu Val Ile Val Ala Asp His Ser Glu Ala Gln Lys
1 5 10

<210> 28

<211> 13

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<213> Artificial sequence

<220>

<223> Neural cell adhesion protein BIG-2 precursor [Swiss-Prot: Q62845]
: FGFR binding motif

<400> 28

Val Ala Glu Asn Ser Arg Gly Lys Asn Ile Ala Lys Gly
1 5 10

<210> 29

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Neuronal glycoprotein CNTN3 [Swiss-Prot: Q07409]: FGFR binding motif

<400> 29

Ile Ala Glu Asn Ser Arg Gly Lys Asn Val Ala Arg Gly
1 5 10

<210> 30

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> NB-2 (HNB-2/NB-2), a neural cell recognition molecule of the contactin/F3 subgroup [Swiss-Prot: O94779/P97527]: FGFR binding motif

<400> 30

Ala Glu Asn Ser Arg Gly Lys Asn Ser Phe Arg Gly
1 5 10

<210> 31

<211> 13

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<213> Artificial sequence

<220>

<223> HNB-3/NB-3 [Swiss-Prot: Q9UQ52/P97528/Q9JMB8]: FGFR binding motif

<400> 31

Ile Ala Ser Asn Leu Arg Gly Arg Asn Leu Ala Lys Gly
1 5 10

<210> 32

<211> 13

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<213> Artificial sequence

<220>

<223> Putative fat-like cadherin precursor (Drosophila) [Swiss-Prot: Q9VW71]: FGFR binding motif

<400> 32

Ile Pro Glu Asn Ser Leu Gly Lys Thr Tyr Ala Lys Gly
1 5 10

<210> 33

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Neuronal nicotinic acetylcholine receptor alpha 3 subunit (CHRNA3) [Swiss-Prot: Q8VHH6/P04757/Q8R4G9/P32297]: FGFR binding motif

<400> 33

Ile Ala Glu Asn Met Lys Ala Gln Asn Glu Ala Lys
1 5 10

<210> 34

<211> 16

<212> PRT

<213> Artificial sequence

<220>

<223> Neuronal acetylcholine receptor protein, alpha-6 chain precursor
(CHRNA6) [Swiss-prot:Q15825]: FGFR binding motif

<400> 34

Gln	Phe	Ile	Ala	Glu	Asn	Met	Lys	Ser	His	Asn	Glu	Thr	Lys	Glu	Val
1				5					10					15	

<210> 35

<211> 13

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<220>

<223> ROBO-1 [O44924]: FGFR binding motif

<400> 35

Gly	Glu	Tyr	Trp	Cys	Val	Ala	Lys	Asn	Arg	Val	Gly	Gln
1				5				10				

<210> 36

<211> 13

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<220>

<223> ROBO-1 [AF041082; Q9Y6N7]: FGFR binding motif

<400> 36

Gly	Ser	Tyr	Thr	Cys	Val	Ala	Glu	Asn	Met	Val	Gly	Lys
1				5				10				

<210> 37

<211> 14

<212> PRT

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<220>

<223> ROBO-1[AF041082; Q9Y6N7]: FGFR binding motif

<400> 37

Gly Lys Tyr Val Cys Val Gly Thr Asn Met Val Gly Glu Arg
1 5 10

<210> 38

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> FGFR2 [Q96KM2; P21802]: FGFR binding motif

<400> 38

Asn Tyr Thr Cys Val Val Glu Asn Glu Tyr Gly
1 5 10

<210> 39

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> FGFR2[Q63241]: FGFR binding site

<400> 39

Gly Glu Tyr Thr Cys Leu Ala Gly Asn Ser Ile Gly

1 5 10

<210> 40

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Fc receptor-like protein 1[Q96KM2] / fragment of IFGP 1 [Q96PJ6]:
FGFR binding motif

<400> 40

Gln Tyr Tyr Cys Val Ala Glu Asn Gly Tyr Gly
1 5 10

<210> 41

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<212> PRT

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<220>

<223> Junctional adhesion molecule (JAM-1) [Q9JKD5/O88792]: FGFR bindin
g motif

<400> 41

Gly Glu Tyr Tyr Gln Glu Ala Glu Gln Asn Gly Tyr Gly
1 5 10

<210> 42

<211> 12

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<400> 42

Gly Asn Tyr Thr Cys Leu Val Glu Asn Glu Tyr Gly
1 5 10

<210> 43

<211> 12

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<220>

<223> Contactin precursor (Neural adhesion molecule F3) [Q63198;/P1260;
Q12860]: FGFR binding motif

<400> 43

Gly Met Tyr Gln Cys Leu Ala Glu Asn Ala Tyr Gly
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<210> 44

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Contactin precursor (Neural adhesion molecule F3/F11) [Q28106]: F
GFR binding motif

<400> 44

Gly Met Tyr Gln Cys Ala Glu Asn Thr His Gly
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<210> 45

<211> 12

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<223> Contactin precursor (Neural adhesion molecule F3/F11) [Q28106]: F
GFR binding motif

<400> 45

Gly Ile Tyr Tyr Cys Leu Ala Ser Asn Asn Tyr Gly
1 5 10

<210> 46

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<223> IFGP2 [Q96PJ5]: FGFR binding motif

<400> 46

Gly Gly Tyr Tyr Cys Thr Ala Asp Asn Ser Tyr Gly
1 5 10

<210> 47

<211> 12

<212> PRT

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<220>

<223> Neurofascin precursor [Q90924]: FGFR binding motif

<400> 47

Gly Glu Tyr Gln Cys Phe Ala Arg Asn Asp Tyr Gly
1 5 10

<210> 48

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Neurofascin [Q90924]: FGFR binding motif

<400> 48

Gly Glu Tyr Phe Cys Leu Ala Ser Asn Lys Met Gly
1 5 10

<210> 49

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Neurofascin 155 Da isoform [Q91Z60]: FGFR binding motif

<400> 49

Gly Glu Tyr Gln Cys Phe Ala Arg Asn Lys Phe Gly
1 5 10

<210> 50

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<212> PRT

<213> Artificial sequence

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<223> Neurofascin 155 Da isoform [Q91Z60]: FGFR binding motif

<400> 50

Gly Glu Tyr Phe Cys Leu Ala Ser Asn Lys Met Gly
1 5 10

<210> 51

<211> 12

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<213> Artificial sequence

<220>

<223> Macrophage scavenger receptor 2 (MSR2) [Q91YK7]:FGFR binding motif

<400> 51

Gly Gly Tyr Tyr Cys Thr Ala Asp Asn Asn Tyr Gly
1 5 10

<210> 52

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Macrophage scavenger receptor 2 (MSR2) [Q91YK7]: FGFR binding motif

<400> 52

Gly Asn Tyr Ser Cys Glu Ala Glu Asn Ala Trp Gly Thr Lys
1 5 10

<210> 53

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Neural cell adhesion molecule L1[Q9QYQ7; Q9QY38; P11627; Q05695; P32004]: FGFR binding motif

<400> 53

Gly Glu Tyr Thr Cys Leu Ala Glu Asn Ser Leu Gly
1 5 10

<210> 54

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Neural-glial cell adhesion molecule Ng-CAM [Q03696]: FGFR binding motif

<400> 54

Gly Glu Tyr Glu Cys Val Ala Glu Asn Gly Arg Leu Gly
1 5 10

<210> 55

<211> 13

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<213> Artificial sequence

<220>

<223> FGFR3 [Q95M13; AF487554; Q99052]: FGFR binding motif

<400> 55

Gly Asn Tyr Thr Cys Val Val Glu Asn Lys Phe Gly Arg
1 5 10

<210> 56

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> FGFR3 [Q95M13; Q99052]: FGFR binding motif

<400> 56

Gly Glu Tyr Thr Cys Leu Ala Gly Asn Ser Ile Gly
1 5 10

<210> 57

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Neural cell adhesion molecule 2 (NCAM2) [P36335]: FGFR binding motif

<400> 57

Gly Glu Tyr Phe Cys Val Ala Ser Asn Pro Ile Gly
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<210> 58

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Neural cell adhesion molecule 2 (NCAM2) [P36335]: FGFR binding motif

<400> 58

Glu Tyr Thr Cys Ile Ala Asn Asn Gln Ala Gly Glu
1 5 10

<210> 59

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Axonin-1 (TAG-1) [Q02246; P22063; P28685]: FGFR binding motif

<400> 59

Gly Met Tyr Gln Cys Val Ala Glu Asn Lys His Leu Gly
1 5 10

<210> 60

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Neural cell adhesion molecule NCAM-140 AND ncam-140 [P13595]: FGF
R binding motif

<400> 60

Gly Glu Tyr Met Cys Thr Ala Ser Asn Thr Ile Gly Gln
1 5 10

<210> 61

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Neural cell adhesion molecule NCAM-140 AND ncam-140 [P13595]: FGF
R binding motif

<400> 61

Glu Tyr Val Cys Ile Ala Glu Asn Lys Ala Gly Glu Gln
1 5 10

<210> 62

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Neurotrophin receptor tyrosin kinase type 2 (NTRKT) [Q8WXJ5]:FGFR
binding motif

<400> 62

Gly Asp Tyr Thr Leu Ile Ala Lys Asn Glu Tyr Gly Lys
1 5 10

<210> 63

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Colorectal cancer suppressor DCC [P43146]: FGFR binding motif

<400> 63

Gly Phe Tyr Gln Cys Val Ala Glu Asn Glu Ala Gly
1 5 10

<210> 64

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Tyrosine phosphatase LAR (ptprf) [Q9EQ17; Q64604; P23468]: FGFR binding motif

<400> 64

Gly Lys Tyr Glu Cys Val Ala Thr Asn Ser Ala Gly Thr Arg
1 5 10

<210> 65

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Platelet-derived growth factor receptor beta (PDGFRB) [Q8R406; Q05030]: FGFR binding motif

<400> 65

Gly Glu Tyr Phe Cys Val Tyr Asn Asn Ser Leu Gly
 1 5 10

<210> 66

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Intercellular adhesion molecule-5 (ICAM-5, telencephalin) [Q8TAM9
 ; Q60625]: FGFR binding motif

<400> 66

Gly Glu Tyr Glu Cys Ala Ala Thr Asn Ala His Gly Arg
 1 5 10

<210> 67

<211> 13

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<213> Artificial sequence

<220>

<223> B-cell receptor CD22 precursor (Leu-14; B-lymphocyte cell adhesio
 n molecule) [P20273]: FGFR binding motif

<400> 67

Gly Ala Tyr Trp Cys Gln Gly Thr Asn Ser Val Gly Lys
 1 5 10

<210> 68

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> B-cell receptor CD22 precursor (Leu-14; B-lymphocyte cell adhesion molecule) [P20273]: FGFR binding motif

<400> 68

Gly Thr Tyr Ser Cys Val Ala Glu Asn Ile Leu Gly
1 5 10

<210> 69

<211> 14

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<213> Artificial sequence

<220>

<223> NCAM-2 [Swiss-Prot: O15394; O35136]: FGFR binding motif

<400> 69

Arg Val Ala Ala Val Asn Gly Lys Gly Gln Gly Asp Tyr Ser
1 5 10

<210> 70

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> HCF-2 (Host cell factor 2) [Swiss-Prot: Q9Y5Z7]: FGFR binding motif

<400> 70

Arg Val Ala Ala Ile Asn Gly Cys Gly Ile Gly Pro Phe Ser
1 5 10

<210> 71

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> ICLN (Chloride channel regulator, inducer) [Swiss-Prot: P97506; Q9NRD2; Q61189; P54105]: FGFR binding motif

<400> 71

Ala Val Leu Asn Gly Lys Gly Leu Gly
1 5

<210> 72

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Galectin-12 [Swiss-Prot: Q91VD1; Q9JKX2; Q9NZ03]: FGFR binding motif

<400> 72

Ala Leu Asn Gly Gln Gly Leu Gly Ala Thr Ser
1 5 10

<210> 73

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Human receptor-like protein tyrosine phosphatase leukocyte common antigen-related molecule (PTPRF) [Swiss-Prot: P10586]: FGFR binding motif

<400> 73

Arg Leu Ala Ala Lys Asn Arg Ala Gly Leu Gly Glu
1 5 10

<210> 74

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Natural resistance-associated macrophage protein 1 (NRAMP-1, SLC11A1) [Swiss-Prot: O77741]: FGFR binding motif

<400> 74

Arg Leu Gly Val Val Thr Gly Lys Asp Leu Gly Glu Ile
1 5 10

<210> 75

<211> 14

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<213> Artificial sequence

<220>

<223> NCAM2 (180 kDa isoform precursor) [Swiss-Prot: P36335]: FGFR binding motif

<400> 75

Thr Val Thr Gly Leu Lys Pro Glu Thr Ser Tyr Met Val Lys
1 5 10

<210> 76

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Nephrin [Swiss-Prot: Q925S5; Q9JIX2; Q9ET59; Q9R044; Q9QZS7]: FGF R binding motif

<400> 76

Thr Leu Thr Gly Leu Lys Pro Ser Thr Arg Tyr Arg Ile
1 5 10

<210> 77

<211> 13

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<213> Artificial sequence

<220>

<223> Nephrin [Swiss-Prot: O60500]: FGFR binding motif

<400> 77

Thr Leu Thr Gly Leu Gln Pro Ser Thr Arg Tyr Arg Val
 1 5 10

<210> 78

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Tyrosine phosphatase LAR (PTPRF) [Swiss-Prot : Q9EQ17]: FGFR binding motif

<400> 78

Thr Leu Leu Gly Leu Lys Pro Asp Thr Thr Tyr Asp Ile Lys
 1 5 10

<210> 79

<211> 14

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<213> Artificial sequence

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<223> Leukocyte common antigen-related phosphatase ptp2 precursor (LAR-PTP2) [Swiss-Prot: Q64605]: FGFR binding motif

<400> 79

Thr Leu Gln Gly Leu Arg Pro Glu Thr Ala Tyr Glu Leu Arg

1 5 10

<210> 80

<211> 14

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<223> Protein-tyrosine phosphatase, receptor-type, S precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase sigma) (RPTP-sigma) [Swiss-Prot: Q64699]: FGFR binding motif

<400> 80

Thr Leu Arg Gly Leu Arg Pro Glu Thr Ala Tyr Glu Leu Arg
1 5 10

<210> 81

<211> 14

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<223> Tyrosine-protein kinase receptor Tie-1 precursor (TIE1.) (EC 2.7.1.112) [Swiss-Prot: Q06805; P35590]: FGFR binding motif

<400> 81

Thr Leu Met Asn Leu Arg Pro Lys Thr Gly Tyr Ser Val Arg
1 5 10

<210> 82

<211> 11

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<223> Ephrin type-A receptor 8 precursor to (EPHA8..) (EC 2.7.1.112) (Ty

rosine-protein kinase receptor EEK) (EPH-and ELK-related kinase)
]: [Swiss-Prot: O09127; O09127; P29322];FGFR binding motif

<400> 82

Thr Val Ser Gly Leu Lys Pro Gly Thr Arg Tyr
1 5 10

<210> 83

<211> 11

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<223> Ephrin type-A receptor 3 precursor (EC 2.7.1.112) (Tyrosine-prote
in kinase receptor ETK1) (CEK4) (EPHA3..) [tn: P29318]: FGFR bind
ing motif

<400> 83

Thr Ile Ser Gly Leu Lys Pro Asp Thr Thr Tyr
1 5 10

<210> 84

<211> 11

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<220>

<223> Protein-tyrosine phosphatase receptor-type S precursor (EC 3.1.3.
48) (Protein-tyrosine phosphatase sigma, PTPRS) [Swiss-Prot: Q133
32]: FGFR binding motif

<400> 84

Thr Leu Gln Gly Leu Lys Pro Asp Thr Ala Tyr
1 5 10

<210> 85

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Insulin receptor [Swiss-Prot: Q9PWN6]: FGFR binding motif

<400> 85

Leu Arg Gly Leu Lys Pro Trp Thr Gln Tyr Ala Val
1 5 10

<210> 86

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Type VII collagen [Swiss-Prot: Q63870]: FGFR binding motif

<400> 86

Ile Asp Gly Leu Glu Pro Asp Thr Glu Tyr Ile Val Arg
1 5 10

<210> 87

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Insulin-like growth factor-1 receptor precursor [Swiss-Prot: O73798]: FGFR binding motif

<400> 87

Leu Gln Gly Leu Lys Pro Trp Thr Gln Tyr Ala Ile
1 5 10

<210> 88

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Fibronectin [Swiss-Prot: Q95KV4; Q95KV5; P07589; Q28377; U42594; Q95609]: FGFR binding motif

<400> 88

Thr Ile Thr Gly Leu Glu Pro Gly Thr Glu Tyr Thr Ile Gln
1 5 10

<210> 89

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Insulin-like growth factor I receptor (IGF I receptor beta-subunit, IGF I receptor alpha-subunit) [Swiss-Prot: Q9QVW4; P08069; P24062; Q60751; P15127; P15208]: FGFR binding motif

<400> 89

Gly Leu Lys Pro Trp Thr Gln Tyr Ala Val
1 5 10

<210> 90

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Insulin receptor-related protein precursor (EC 2.7.1.112) (IRR) (IR-related receptor) [Swiss-Prot: P14616]: FGFR binding motif

<400> 90

Thr Leu Ala Ser Leu Lys Pro Trp Thr Gln Tyr Ala Val
1 5 10

<210> 91

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Tenascin-R (restrictin) [Swiss-Prot: Q15568; O00531]: FGFR binding motif

<400> 91

Leu Met Gly Leu Gln Pro Ala Thr Glu Tyr Ile Val
1 5 10

<210> 92

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Neogenin precursor (NEO1..) [Swiss-Prot: Q92859; P97603; Q90610; P97798]: FGFR binding motif

<400> 92

Lys Gly Met Gly Pro Met Ser Glu Ala Val Gln Phe Arg Thr
1 5 10

<210> 93

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Protein tyrosine phosphatase receptor type D (PTPRD, BA175E13.1)
[Swiss-Prot: Q8WX65; Q9IAJ1; P23468; Q64487]: FGFR binding motif

<400> 93

Thr Leu Thr Gly Leu Lys Pro Asp Thr Thr Tyr Asp Val Lys
 1 5 10

<210> 94

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Protein tyrosine phosphatase receptor type D (PTPRD, BA175E13.1)
 [Swiss-Prot: Q8WX65; Q9IAJ1; P23468; Q64487]: FGFR binding motif

<400> 94

Ile Ser Gly Leu Gln Pro Glu Thr Ser Tyr Ser Leu
 1 5 10

<210> 95

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Protein-tyrosine phosphatase receptor-type F precursor (EC 3.1.3
 .48) (LAR protein) (Leukocyte antigen related) [Swiss-Prot: Q6460
 4; Q9QW67; P10586]: FGFR binding motif

<400> 95

Thr Leu Leu Gly Leu Lys Pro Asp Thr Thr Tyr Asp Ile Lys
 1 5 10

<210> 96

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Protein-tyrosine phosphatase receptor-type F precursor (EC 3.1.3.48) (Leukocyte antigen related) [Swiss-Prot: Q64604; Q9QW67; P10586]: FGFR binding motif

<400> 96

Thr Ile Ser Gly Leu Thr Pro Glu Thr Thr Tyr Ser Ile
1 5 10

<210> 97

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> CD22 [Q9R094]: FGFR binding motif

<400> 97

Gly Asn Tyr Ser Cys Leu Ala Glu Asn Arg Leu Gly Arg
1 5 10

<210> 98

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> FGFR-4 [Q91742]: FGFR binding motif

<400> 98

Gly Asn Tyr Thr Cys Val Val Glu Asn Arg Val Gly
1 5 10

<210> 99

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> ICAM-5 [Q8TAM9]: FGFR binding motif

<400> 99

Gly Thr Tyr His Cys Val Ala Thr Asn Ala His Gly
1 5 10

<210> 100

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> FIII,4 domain of L1: FGFR binding motif [Swiss-Prot: Q9QY38]

<400> 100

Leu Ser His Asn Gly Val Leu Thr Gly Tyr Leu Leu Ser Tyr
1 5 10

<210> 101

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Neuron-glia cell adhesion molecule (Ng-CaM) precursor .[Gallus gallus]; [Swiss-Prot: Q90933]: FGFR binding motif

<400> 101

Asn Gly Val Leu Thr Gly Tyr Val Leu Arg Tyr
1 5 10

<210> 102

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Neurofascin precursor .[Gallus gallus]; [Swiss-Prot: O42414]: FGF
R binding motif

<400> 102

Asn	Gly	Val	Leu	Thr	Gly	Tyr	Asn	Leu	Arg	Tyr
1				5					10	

<210> 103

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> (CALL) Neural cell adhesion molecule. [Homo sapiens] .[Swiss-Pro
t: O00533]: FGFR binding motif

<400> 103

Asn	Gly	Asn	Leu	Thr	Gly	Tyr	Leu	Leu	Gln	Tyr
1				5					10	

<210> 104

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> f Neuroglial. [Manduca sexta] .[Swiss-Prot: P91767]: FGFR bindin
g motif

<400> 104

Val	Asp	Glu	Asn	Gly	Val	Leu	Thr	Gly	Tyr	Lys	Ile	Tyr	Tyr
1				5					10				

<210> 105

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Protein-tyrosine phosphatase sigma [Swiss-Prot: O75870]; and [Swiss-Prot: Q13332] [Homo sapiens] :FGFR binding motif

<400> 105

Thr His Asn Gly Ala Leu Val Gly Tyr Ser Val Arg Tyr
1 5 10

<210> 106

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> NR- CaM 12 [Rattus sp] , [Swiss-Prot: Q9QVN3]: FGFR binding motif

<400> 106

Asn Gly Ile Leu Thr Glu Tyr Ile Leu Lys Tyr
1 5 10

<210> 107

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Neurofascin 155 kDa isoform. [Rattus norvegicus], [Swiss-Prot: Q91Z60]: FGFR binding motif

<400> 107

Asn Gly Ile Leu Ile Gly Tyr Thr Leu Arg Tyr

<213> Artificial sequence

<400> 108

<213> Artificial sequence

<400> 109

<213> Artificial sequence

<223> Metalloprotease 1 (pitrilysin family).[Homo sapiens] [Swiss-Pro
t: Q9BSI6]:FGFR binding motif

<400> 110

Leu Ser His Asn Gly Ile Phe Thr Leu Tyr
1 5 10

<210> 111

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> HBRAVO/Nr-CaM. [Homo sapiens]. [Swiss-Prot: Q92823; O15179]: FGFR binding motif

<400> 111

Asn Gly Ile Leu Thr Glu Tyr Thr Leu Lys Tyr
1 5 10

<210> 112

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Protein-tyrosine phosphatase kappa precursor (EC 3.1.3.48) (R-PTP-kappa). [Homo sapiens]. [Swiss-Prot: Q15262]: FGFR binding motif

<400> 112

Leu Asp Pro Asn Gly Ile Ile Thr Gln Tyr Glu Ile Ser Tyr
1 5 10

<210> 113

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Neogenin precursor (NEO1..).[Homo sapiens and Mus musculus] [Swiss-Prot: Q92859; P97798]: FGFR binding motif

<400> 113

Asn Gly Lys Ile Thr Gly Tyr Ile Ile Tyr Tyr
1 5 10

<210> 114

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Neural cell adhesion L1(SPLICE ISOFORM 2) [Homo sapiens [Swiss-Prot: P32004]; [Mus musculus Swiss-Prot: Q9QY38]: FGFR binding motif

<400> 114

His Leu Glu Val Gln Ala Phe Asn Gly Arg Gly Ser Gly Pro Ala
1 5 10 15

<210> 115

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> NB-2.[Rattus norvegicus] [Swiss-Prot: P97527]:FGFR binding motif

<400> 115

His Leu Thr Val Arg Ala Tyr Asn Gly Ala Gly Tyr Gly Pro
1 5 10

<210> 116

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Neural cell adhesion protein BIG-2 precursor. [Rattus norvegicus] [Swiss-Prot: Q62845]: FGFR binding motif

<400> 116

His	Leu	Ser	Val	Lys	Ala	Tyr	Asn	Ser	Ala	Gly	Thr	Gly	Pro	Ser
1				5					10					15

<210> 117

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Axonal-associated cell adhesion molecule. [Homo sapiens]. [Swiss-Prot: Q8TC35]: FGFR binding motif

<400> 117

His	Leu	Ala	Val	Lys	Ala	Tyr	Asn	Ser	Ala	Gly	Thr	Gly	Pro	Ser
1				5					10					15

<210> 118

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Contactin A/F3/F11. [Xenopus laevis] [Swiss-Prot: O93250]: FGFR binding motif

<400> 118

Asn	Leu	Glu	Val	Arg	Ala	Phe	Asn	Ser	Ala	Gly	Asp	Gly	Pro
1				5					10				

<210> 119

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Neural cell adhesion molecule CALL.[Homo sapiens][Swiss-Prot: O00533]:FGFR binding motif

<400> 119

His Leu Thr Val Leu Ala Tyr Asn Ser Lys Gly Ala Gly Pro
1 5 10

<210> 120

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Neuron-glia cell adhesion molecule (Ng-CaM) precursor.[Gallus gallus][Swiss-Prot: Q909339]: FGFR binding motif

<400> 120

Leu Arg Val Leu Val Phe Asn Gly Arg Gly Asp Gly Pro
1 5 10

<210> 121

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Contactin precursor (Neural cell recognition molecule F11).[Gallus gallus][Swiss-Prot: P14781]: FGFR binding motif

<400> 121

His Ile Asp Val Ser Ala Phe Asn Ser Ala Gly Tyr Gly Pro
1 5 10

<210> 122

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> SLIT [Drosophila melanogaster] [Swiss-Prot: Q9XYV4]: FGFR binding motif

<400> 122

His	Leu	Ala	Val	Glu	Leu	Phe	Asn	Gly	Arg
1				5				10	

<210> 123

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Galectin-4.[Mus musculus] [Swiss-Prot: Q8K419, P38552]: FGFR binding motif

<400> 123

Leu	Glu	Leu	Gln	Ser	Ile	Asn	Phe	Leu	Gly	Gly	Gln	Pro	Ala
1				5					10				

<210> 124

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> HNB-2.[Homo sapiens] Swiss-Prot: O94779: FGFR binding motif

<400> 124

His Phe Thr Val Arg Ala Tyr Asn Gly Ala Gly Tyr Gly Pro
1 5 10

<210> 125

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> The EFL peptide (from the FIII,3 domain of L1) [Swiss-Prot: P32004]: FGFR binding motif

<400> 125

His Leu Glu Val Gln Ala Phe Asn Gly Arg Gly Ser Gln Pro Ala
1 5 10 15

<210> 126

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Fragment of Neuroglian (Drosophila) [Swiss-prot: P202419]: FGFR binding motif

<400> 126

Val Ile Ala Asp Gln Pro Thr Phe Val Lys Tyr Leu Ile Lys
1 5 10

<210> 127

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Fragment of Fibronectin (bovine) [Swiss-prot: P07589]: FGFR binding motif

<400> 127

Thr Ile Lys Gly Leu Arg Pro Gly Val Val Tyr Glu Gly Gln
1 5 10

<210> 128

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Tenascin (chick) [Swiss-prot: P10039]: FGFR binding motif

<400> 128

Thr Leu Thr Glu Leu Ser Pro Ser Thr Gln Tyr Thr Val Lys
1 5 10

<210> 129

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Ephrin type A receptor2 [Swiss-prot: Q8N3Z2]: FGFR binding motif

<400> 129

Thr Leu Asp Asp Leu Ala Pro Asp Thr Thr Tyr Leu Val Gln
1 5 10

<210> 130

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> LAR [Swiss-prot Q9VIS8]: FGFR binding motif

<400> 130

Thr	Val	Ser	Asp	Val	Thr	Pro	His	Ala	Ile	Tyr	Thr	Val	Arg
1				5					10				

<210> 131

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> RTK (Tie-1,hu) [Swiss-prot P35590]: FGFR binding motif

<400> 131

Ile	Ile	Arg	Gly	Leu	Asn	Ala	Ser	Thr	Arg	Tyr	Leu	Phe	Arg
1				5					10				

<210> 132

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> RTK (Tie-1,hu) [Swiss-prot P35590]: FGFR binding motif

<400> 132

Thr	Leu	Met	Asn	Leu	Arg	Pro	Lys	Thr	Gly	Tyr	Ser	Val	Arg
1				5					10				

<210> 133

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Consensus sequence (conserved domain database):FGFR binding motif

<400> 133

Thr Leu Thr Gly Leu Lys Pro Gly Thr Glu Tyr Glu Val Arg
1 5 10

<210> 134

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> The beta-common cytokine receptor of IL-3. IL-5 and GmCsf [Swiss-prot P32927]: FGFR binding motif

<400> 134

Gly Pro Glu His Leu Met Pro Ser Ser Thr Tyr Val Ala Arg
1 5 10

<210> 135

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Unc-22 (C. Elegance) [Swiss-prot: Q23550]: FGFR binding motif

<400> 135

Arg Val Thr Gly Leu Thr Pro Lys Lys Thr Tyr Glu Phe Arg
1 5 10

<210> 136

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Consensus sequence (conserved domain database): FGFR binding motif

<400> 136

Thr	Leu	Thr	Gly	Leu	Lys	Pro	Gly	Thr	Glu	Tyr	Glu	Phe	Arg
1				5					10				

<210> 137

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Consensus sequence (conserved domain database):FGFR binding motif

<400> 137

Glu	Val	Arg	Val	Gln	Ala	Val	Asn	Gly	Gly	Gly	Asn	Gly	Pro	Pro
1				5					10				15	

<210> 138

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Drosophila Neuroglian [Swiss-prot: P20241]: FGFR binding motif

<400> 138

Leu	Ile	Lys	Val	Val	Ala	Ile	Asn	Asp	Arg	Gly	Glu
1				5					10		

<210> 139

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Fibronectin (mouse) [Swiss-prot: P11276]: FGFR binding motif

<400> 139

Val Val Ser Ile Ile Ala Val Asn Gly Arg Glu Glu
1 5 10

<210> 140

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Fibronectin (bovine) [Swiss-prot: P07589]: FGFR binding motif

<400> 140

Val Val Ser Val Tyr Ala Gln Asn Gln Asn Gly Glu
1 5 10

<210> 141

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Tenascin (chick) [Swiss-prot: Q90995]: FGFR binding motif

<400> 141

Thr Ile Ser Leu Val Ala Glu Lys Gly Arg His Lys
1 5 10

<210> 142

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> L1 (human, F3,EFL) [Swiss-prot: P32004]: FGFR binding motif

<400> 142

His	Leu	Glu	Val	Gln	Ala	Phe	Asn	Gly	Arg	Gly	Ser	Gly	Pro	Ala
1				5					10				15	

<210> 143

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> L1 (mouse, F3,EFL) [Swiss-prot: P11627]: FGFR binding motif

<400> 143

His	Val	Glu	Val	Gln	Ala	Phe	Asn	Gly	Arg	Gly	Leu	Gly	Pro	Ala
1				5					10				15	

<210> 144

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> L1 (rat, F3,EFL) [Swiss-prot: Q05695]: FGFR binding motif

<400> 144

His	Val	Glu	Val	Gln	Ala	Phe	Asn	Gly	Arg	Gly	Leu	Gly	Pro	Ala
1				5					10				15	

<210> 145

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Consensus sequence (conserved domain database): FGFR binding motif

<400> 145

Glu Phe Arg Val Arg Ala Val Asn Gly Ala Gly Glu Gly
1 5 10

<210> 146

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> The beta-common cytokine receptor of IL-3. Il-5 and GmCsf [Swiss-
prot: P32927]: FGFR binding motif

<400> 146

Val Ala Arg Val Arg Thr Arg Leu Ala Pro Gly Ser Arg Leu Ser
1 5 10 15

<210> 147

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Control peptide (Mutated FGL peptide)

<400> 1

Glu Val Tyr Val Val Ala Glu Asn Ala Ala Gly Lys Ser Lys Ala
1 5 10 15